

Claims

1. A method of defructosylating a fructosylated peptide or protein, characterized by comprising reacting the peptide or protein with an enzyme which is extracted from a plant and exhibits defructosylation action.

2. The defructosylation method according to claim 1, wherein the enzyme which is extracted from a plant and exhibits defructosylation action is extracted from a plant belonging to the family *Rosaceae*, *Vitaceae*, or *Umbelliferae*.

3. The defructosylation method according to claim 1 or 2, wherein the fructosylated peptide has an amino acid sequence represented by any of SEQ ID NOS: 1 to 5.

4. The defructosylation method according to any one of claims 1 to 3, wherein the fructosylated protein is hemoglobin A1c.

5. An enzyme which exhibits defructosylation action on a fructosylated peptide or protein and is extracted from a plant.

6. The enzyme according to claim 5; wherein the plant belongs to the family *Rosaceae*, *Vitaceae*, or *Umbelliferae*.

7. A method for measuring a fructosylated peptide or protein, characterized by comprising measuring at least one reaction product produced through the defructosylation method according to any one of claims 1 to 4.

8. The method for measuring a fructosylated peptide or protein according to claim 7, wherein the reaction product produced through the defructosylation method is hydrogen

peroxide, glucosone, glucose, or a defructosyl peptide.